

Appl. No. 09/636,145
Amdt. dated April 6, 2004
Reply to Office Action of Oct. 6, 2003

Amendments to the Specification

Please replace the paragraph beginning at page 16, line 17, through and including page 17, line 6, with the following amended paragraph:

Since, as has already been stated, each depression 28 of one of the corrugating rolls has a bottom surface 32 which is located to establish a spacing between the bottom surface 32 of the depression and the tooth root 20 of the other corrugating roll at the impression zone P, substantially no corrugating nip pressure is exerted on the paper medium A at some area where the paper medium web is sandwiched between the depressions on one of the tooth tips of one of the corrugating rolls and one of the tooth roots of the other corrugating roll, thereby preventing failure of the fibers in the paper medium web while at the same time, sufficient corrugating nip load is imposed on the paper medium web A at other areas where the paper medium web is sandwiched between ~~the depressions on~~ one of the tooth tips of one of the corrugating rolls and one of the tooth roots of the other corrugating roll. It also should be noted that the divergently extending ramps 34 of each of the depressions 28 which define transitions with blunt, obtuse edges between the bottom surface 32 and the top 26 of the tooth tip 22 serve to avoid damage to or possibly rupture of the paper medium web A which would otherwise be incurred.